

Easier to Use, Doubly Effective at Reducing Blur. With huge 3.0" LCD screen and simple touch-screen operation, the Sony Cyber-shot® DSC-T50 also provides 7.2 MP resolution, Super SteadyShot® stabilization and high sensitivity for low-light shooting, Slide Show with select music playback², 56 MB Internal Memory, up to 400-shot³ Stamina® power.

- High-Tech, Super-Slim Styling**
 The DSC-T50 comes in an ultra-compact case that expresses your personal style in a choice of three designer colors -- matte silver, sleek black or blazing red. It's also small enough to stay close at hand anywhere you roam.
- 7.2 MP Super HAD™ CCD**
 Another step up in megapixel performance gives you greater detail for making large prints or cropping in tightly on your subject -- with the advanced Sony Super HAD™ (Hole Accumulated Diode) CCD design, more light passes to each pixel for increased sensitivity and reduced noise.
- Huge 3.0" Clear Photo LCD Plus™ Screen**
 It's an amazingly big screen for such a small, slim-line camera -- styled to fit flush against the camera back for a clean-line look, with bright Clear Photo LCD Plus™ design and touch-screen operation that make it easier to adjust camera menus, set up shots and share results even in bright sunlight.
- Slide Show with Select Music Playback²**
 The DSC-T50 lets you view in-camera images in Slide Show sequence, with one-button operation, selectable transition effects and up to four music background tracks that make it more entertaining to share your memories with family and friends. You can even use supplied Music Transfer software to add your own favorite music.
- Super SteadyShot® Optical Image Stabilization**
 The Sony Super SteadyShot® system detects camera movement and sends correcting signals to a stabilization lens to prevent image blur and reduce the effect of camera shake -- an advantage when shooting with such a small camera.
- Higher Sensitivity**
 Sometimes flash can change the mood -- so the DSC-T50 provides high sensitivity (ISO 1000) for excellent low-light shots at higher shutter speed and for capturing images in museums or religious sites where flash may not be permitted. The Sony Clear RAW™ Noise Reduction system also counters the picture noise traditionally associated with high ISO.
- Carl Zeiss® 3X Optical/2X Precision Digital Zoom**
 With 56 MB Internal Memory, the DSC-T50 allows you to shoot photos without a flash memory card so you can always get your shot even if you forgot your card. You can easily transfer your images from camera memory to optional Memory Stick Duo™ media, upload shots to your computer or make prints on your digital printer.
- Stamina® Power**
 A supplied NP-FR1 InfoLITHIUM® rechargeable battery lets you shoot up to 400 pictures³ on a full charge, recharges quickly and easily, and shows you about how much shooting time remains.
- 14X Smart Zoom® Feature (at VGA Resolution)⁴**
 The Cyber-shot® DSC-T50 intelligently "crops into" the central portion of interest in your photo without sacrificing full CCD resolution -- avoiding the image degradation of other digital zooms.
- Real Imaging Processor™ LSI**
 To improve camera response and extend battery life, the Sony Real Imaging Processor LSI (Large Scale Integrated) circuit decreases shutter lag, improves picture quality and clarity, and increases battery stamina.
- Memory Stick Duo™ Media**
 The DSC-T50 has a built-in slot for optional Memory Stick Duo™ media that provides ultra-compact, high-capacity shooting and recording.
- MPEG Movie VX Fine Mode**
 The DSC-T50 can capture VGA (640 x 480) audio/video clips at high frame rate (up to 30 frames per second⁵), with length limited only by the capacity of your media.
- Picture Motion Browser Software**
 Supplied software makes it easier to upload, organize and search photos on your PC -- and provides a convenient map view function to sort photos by location and display their origin on a world map by using an optional GPS unit.
- 3:2 Aspect Ratio Mode Adjustable**
- Slow Shutter Noise Reduction**
- PictBridge™ Compatibility**
- Supports High Speed USB 2.0⁵**
- Clear RAW Noise Reduction**



DSC-T50/R

Cyber-shot® Digital Still Camera

Specifications

General

Megapixel: 7.2 MP
Imaging Device: 1/2.5" Super HAD™ CCD
Recording Media: 56MB internal Flash Memory, Memory Stick™ DUO Media, Memory Stick PRO Duo™ Media

Convenience

White Balance: Automatic, Cloudy, Daylight, Flash, Fluorescent, Incandescent
Self Timer: Yes (10 seconds, 2 seconds, Off)
Memory Stick PRO™ Media Compatibility: Tested to support up to 4GB media capacity²; does not support Access Control security function
Still Image Mode(s): Auto Bracketing, Burst, JPEG (Fine/Standard), Multi-Burst
Red-Eye Reduction: Yes (On/Off)
Burst Mode: 5 Shot at 1.11 fps (7.2 MP JPEG fine), 100 Shot VGA at 1.3 fps (Fine)
Erase/Protect: Yes/ Yes
Date/Time Stamp: No/No
Media/Battery Indicator: Yes/ Yes
Color Mode(s): Black & White, Natural, Vivid, Sepia

Convenience Features

Histogram Display: Yes
Real Imaging Processor™ Technology: Yes
AF Illuminator Light: Yes
PictBridge Compatible: Yes
Multi-Pattern Measuring: Yes
SteadyShot® Image Stabilization: Yes
Multiple Language Display: Menu
Languages: English, French, Spanish, Italian, Chinese (simplified), Chinese (complicated)
Scene Mode(s): Beach, Fireworks, High Sensitivity, High Speed Shutter, Landscape, Snow, Soft Snap, Twilight, Twilight Portrait
Movie Mode(s): MPEG VX Fine with Audio (640x480, 30 fps) (MPEG VX Fine Requires Memory Stick PRO™ media), MPEG VX Standard with Audio (640x480, 16.6 fps), Video Mail with Audio (160x112, 8.3fps)
Power Save Mode: Yes (after approx. 3 min. of inactivity)

Inputs and Outputs

Accessory Terminal: N/A
Audio/Video Output(s): Yes (via Supplied Multi-connector Cable)
Input(s): Yes (DC Power-in via Multi-connector cable, Note: optional ACL-S5 AC adaptor is required. No in-camera battery recharging function)
USB Port(s): Yes (via Supplied Multi-connector Cable, Supports USB 2.0 Hi-speed⁵)

Hardware

LCD: 3.0" (230K pixels Touchpanel Hybrid TFT LCD Screen)
Viewfinder: N/A
Lens Construction: 11 Elements in 9 Groups, 3 Aspheric Elements, 1 Prism
Microphone/Speaker: Yes/Yes
Lens Type: Carl Zeiss® Vario-Tessar®
Docking Station: N/A

Operating Conditions

Flash Effective Range: Flash Effective Range : ISO Auto: 4" to 11.2' (0.1-3.4m), ISO 1000: 4" to 19' 8" (0.1-6m)
Flash Mode(s): Auto, Forced Flash, No Flash, Slow Synchro

Optics/Lens

Focal Length: 6.33-19.0mm

35mm Equivalent: 38-114mm
Aperture: Auto, f3.5-8(W), f4.3-f10(T)
Focus: 5 Area Multi-Point AF, 5 Step Manual Preset
Focal Distance: 19 3/4" (50cm) (Minimum), 3 1/4" (8cm) (Minimum Macro W), 9 7/8" (25cm) (Minimum Macro T), 13/32" (1cm) (Minimum Magnifying Glass Mode)
Aperture Range: f3.5-f10
Shutter Speed: 1/4 to 1/1000 sec. (Auto), 1 to 1/1000 sec. (Program Auto)
Exposure Compensation: ±2.0 EV, 1/3 EV Steps
ISO: Auto, 80, 100, 200, 400, 800, 1000
Filter Diameter: N/A
Smart Zoom® Technology: Up to 3.6X (5MP), 4.5X (3MP), 5.6X (2MP), 14X (VGA Resolution)⁴
Digital Zoom: 0-2.0X (Precision)
Optical Zoom: 3X
Total Zoom: 6X

Power

Battery Type: InfoLITHIUM® Ion (NP-FR1)
Battery Capacity: CIPA standard: approx. 400 pictures with supplied NP-FR1 InfoLithium Ion battery³

Software

Supplied Software: Windows: Picture Motion Browser Ver.1.1, USB Driver, Music Transfer; Macintosh: Music Transfer
Operating System Compatibility: Microsoft® Windows® 2000 Professional, ME, XP Home and Professional, Macintosh® OS 9 (v9.1 - 9.2) OS X (v10.1-10.4) (OS must be installed at the factory)

Dimensions

Weight: 4.6 oz. (130g) Body: 6.2 oz. (170g) incl battery & media
Measurements: 3-3/4 x 2-1/4 x 15/16" (95 x 56.5 x 23.3mm)

Service and Warranty Information

Limited Warranty Term: 1 Year Parts & Labor

Supplied Accessories

NP-FR1 rechargeable battery
BC-CS3 battery charger
A/V, USB, DC-In multi-connector cables
Wrist strap
Stylus paint pen
Software CD-ROM
NOTE: No Memory Stick media or adaptors are included.

Optional Accessories

InfoLITHIUM® Rechargeable Battery (NP-FR1)
Travel Battery Charger (BC-TR1)
Soft Carrying Case (LCS-THG, LCS-CSG, LCS-CST, LCS-CSD)
Active Marine Sports Pak (SPK-THC)
Travel Tripod (VCT-MTK)
Lightweight Tripod (VCT-1500L)
Memory Stick Duo™ Media (MSH-128A)
Memory Stick PRO Duo™ Media (MSX-256S)
Memory Stick PRO Duo™ Media (512S)
Memory Stick PRO Duo™ Media (1GN)
Memory Stick PRO Duo™ Media (M2GN/S)
Memory Stick PRO Duo™ Media (M4GS)
Memory Stick PRO™ Media USB Adaptor (MSAC-US30)
Multi-Slot Memory Stick Adaptor (MSAC-USM1)

Color: Red
UPC Code: 027242704008

1. Viewable area, measured diagonally.
2. Maximum playback length of each music file is 180 seconds.
3. Based on the CIPA battery life standard, shooting in normal mode at JPEG Fine picture quality shooting at 30-second intervals, with flash used for every other shot and power turned off/on after every 10 shots. Actual battery life may vary based on usage patterns.
4. Smart Zoom® feature will not work at highest resolution setting.
5. Not all products with USB connectors may communicate with each other due to chipset variations.
6. Shooting at high frame rate of up to 30 frames per second requires Memory Stick PRO Duo™ media.

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